

**DEPARTMENT OF TRANSPORTATION**

ESC/OE MS #43

1727 30TH Street, 2ND Floor

Sacramento, CA 95816



March 23, 2001

04-CC,Sol-680-40.1/41.4 -L0.0/L1.0

04-006034

ACIM-680-1(054)56N

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SOLANO AND CONTRA COSTA COUNTIES IN BENICIA AND MARTINEZ FROM 1.0 km NORTH OF SOLANO AND CONTRA COSTA COUNTY LINE TO 1.1 km NORTH OF MOCOCO OVERHEAD.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on May 16, 2001.

This addendum is being issued to revise the Notice to Contractors and Special Provisions and the Proposal and Contract.

In the Notice to Contractors, the fifth paragraph is deleted.

In the Notice to Contractors, the ninth paragraph is revised as follows:

"At the time this contract is awarded, the Contractor shall possess either a Class A license or a combination of Class C licenses which constitutes a majority of the work."

In the Special Provisions, Section 2-1.03, "BRIDGE CONSTRUCTION INFORMATION/QUESTIONNAIRE" is revised and retitled Section 2-1.03, "PRE-AWARD QUALIFICATION QUESTIONNAIRE" as attached.

In the Special Provisions, Section 10-1.45, "CONCRETE STRUCTURES," the sub-heading "Contractor's Qualifications" under the subsection titled "SEGMENTALLY ERECTED SUPERSTRUCTURE" is revised as follows:

**"Contractor's Qualifications"**

Experience in constructing multi-span cast-in-place prestressed concrete segmental bridges with form travelers is highly desirable and will be an important factor in determining the Contractor's qualifications to perform the project. Responsible experience and qualifications of the Contractor's authorized representative, as designated in accordance with Section 5-1.06, "Superintendence," of the Standard Specifications, in the use of form travelers for cast-in-place construction work is also highly desirable and will be an important factor in determining the Contractor's qualifications to perform the project. The bidder's attention is directed to Section 2-1.03, "Pre-Award Qualification Questionnaire," Section 3-1.01A, "Pre-Award Meeting," and Section 3-1.01B, "Award and Execution of Contract," in these special provisions. The experience and qualifications of the Contractor's authorized representative, whether originally designated or as replaced by a subsequent designee during performance of the contract, will be subject to review by the Department in accordance with the considerations as specified in the "Pre-Award Qualification Questionnaire" of these special provisions and the "Pre-Award Qualification Questionnaire" in the Proposal and Contract book. Upon request by the Engineer, the Contractor shall provide the same information regarding any subsequent authorized representative as required to be provided for the original authorized representative as set forth in the "Pre-Award Qualification Questionnaire."

Addendum No. 1  
Page 2  
March 23, 2001

04-CC,Sol-680-40.1/41.4 - L0.0/L1.0  
04-006034  
ACIM-680-1(054)56N

In the Special Provisions and Proposal and Contract, the "PRE-AWARD MEETING SPECIAL NOTICE," is revised as attached.

In the Special Provisions and Proposal and Contract, all references to "INFORMATION/QUESTIONNAIRE" is revised to read "PRE-AWARD QUALIFICATION QUESTIONNAIRE."

In the Proposal and Contract, the "BENICIA/MARTINEZ NEW BRIDGE INFORMATION/QUESTIONNAIRE," is revised and retitled "BENICIA/MARTINEZ NEW BRIDGE PRE-AWARD QUALIFICATIONS QUESTIONNAIRE" as attached.

To Proposal and Contract book holders:

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by confirmed facsimile to all book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief  
Office of Plans, Specifications & Estimates  
Division of Office Engineer

Attachments

### **2-1.03 PRE-AWARD QUALIFICATION QUESTIONNAIRE**

The Department has established the need to obtain information regarding each bidder's qualifications for performing bridge construction work contracts.

Bidders shall submit responses to the "Pre-Award Qualification Questionnaire" included in the Proposal. The responses to the Questionnaire shall be submitted with the bid.

In signing the signature page of the Proposal, the bidder certifies that the information and answers in response to the Pre-Award Qualification Questionnaire are complete and accurate.

The bidder's attention is directed to Section 10-1.45, "Concrete Structures" subheading "Contractor's Qualification" in these special provisions.

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# PRE-AWARD MEETING SPECIAL NOTICE

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The bidder's attention is directed to Section 2-1.03, "**Pre-Award Qualification Questionnaire**," and Section 3, "Pre-Award Meeting and Award and Execution of Contract," in the Special Provisions.

Responses to the "**Pre-Award Qualification Questionnaire**" included in the Proposal must be **submitted with the bid**.

A pre-award **qualifications review meeting** will be conducted with the apparent low bidder on May 18, 2001**at 10:00 a.m. in the third floor conference room, 1727 - 30th Street, Sacramento, CA 95816**. The purpose of the meeting will be to determine the bidder's qualifications and ability to complete the construction work on this project. The second and third apparent low bidders may also be requested to participate in pre-award qualifications review meetings.

Establishing to the satisfaction of the Department the bidder's qualifications and ability to complete the bridge construction work in a safe and timely manner is a condition for being eligible for award of the contract.

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BENICIA / MARTINEZ NEW BRIDGE  
PRE-AWARD QUALIFICATION QUESTIONNAIRE

Whenever the word "bidder" is used, the response shall include all proposed subcontractors, subsidiaries and suppliers of the prime contractor.

1. What is the background and experience of the bidder's on-site supervisory personnel that will be assigned to this project? Provide names of individuals and a summary of their experience, particularly as it relates to safety and constructing multi-span cast-in-place prestressed concrete segmental bridges with form travelers. Specify the roles and responsibilities of the workmen, foremen, superintendents, and management personnel responsible for complying with safety requirements on the New Benicia-Martinez Bridge. The superintendent's experience need not be with the Contractor's firm. The superintendent's experience shall include title and responsibilities during each project.
2. Has the bidder been cited by any government entity for safety violations? Has the bidder's personnel who will be assigned to the project been cited by any government entity for safety violations? If so, describe the citation(s) and its ultimate disposition.
3. The bidder shall submit a list of previous projects constructed by the bidder either as a Prime or as a Joint Venture. Include all previous projects constructed by the bidder using the cast-in-place prestressed concrete segmental method of construction with form travelers. For each project, include the location, contract value, a brief description of the work and the name, address and current telephone number of the owner, including contact person.
4. Describe the bidder's general safety procedures for heavy marine construction and work on elevated structures. What is the bidder's experience in construction on U.S. navigable waterways? For each project, include the location, contract value, a brief description of the work and the name, address and current telephone number of the owner, including contact person.
5. Describe the bidder's plans for dealing with a catastrophic event at one of the nearby refineries or chemical plants. Describe in detail, the bidders' program for training personnel to react to a catastrophic event at a nearby plant. Describe the bidder's plan for work in the vicinity of the underground pipelines?
6. What are bidder's plans for complying with noise, dredging, species of concern and other environmental restrictions and regulations imposed by the various regulatory agencies? What are the bidder's proposed mitigation measures and best management practices for minimizing environmental impacts associated with working from barges, temporary trestle construction, dredging, cofferdam and pile construction, cofferdam and pile dewatering, drilling operations including handling and disposal of slurry and cuttings, concrete production, concrete transportation, concrete placement, deck grinding, and paint application?
7. What are the bidder's proposed plans to control the heat of hydration within mass concrete? Where has the bidder used these procedures before? For each project, include the location, contract value, a brief description of the work and the name, address and current telephone number of the owner, including contact person.
8. What type of shoring system does the bidder plan to install at Pier 5 and what is the bidder's experience in the system's water tightness and in handling contaminated groundwater? How will the bidder's system not exceed the specified maximum infiltration rate?
9. Will the bidder's construction sequence differ from that shown on the plans? What will be the bidder's projected maximum number of traveler forms and what is the bidder's projected casting cycle? With the bid, submit one unbound copy of a form traveler assembly and operation manual from a previous cast-in-place segmentally constructed project built by the bidder as a Prime or as a Joint Venture. Will the travelers be new, or from another job? If from another job, please provide the name and location.
10. What is the bidder's proposed system to construct CIDH piles, including installation of permanent steel casings and rock sockets, and cleaning the bottom of the rock sockets after the reinforcing cage is in place?
11. What is the bidder's proposed method to deliver materials and equipment to the spans over water?
12. Please describe the bidder's concrete placement plan, sequence and contingency plan. How will concrete be delivered and placed into the forms?

04-006031

04-CC/SOL-680-40.1/41.4-L0.0/L1.0

BENICIA / MARTINEZ NEW BRIDGE  
PRE-AWARD QUALIFICATION QUESTIONNAIRE

13. What is the source of lightweight aggregate (location)? What is the planned mode of transportation to the concrete plant? Who will be performing the creep and shrinkage tests on the lightweight concrete? When does the bidder expect these tests to take place?
14. What is the bidder's plan for constructing and installing the precast footing forms at Piers 6 through 17?
15. Describe the bidder's plan for geometric control during the cantilever construction including the bidder's casting cycle of the segments? What is the bidder's experience for camber correction during cantilever construction? With the bid, submit one unbound copy of a geometry control manual from a previous cast-in-place segmentally constructed project built by the bidder as a Prime or as a Joint Venture. Provide information on the successes of the procedures and any modifications that may have been necessary to meet project requirements.